

**WATER AND RELATED RESOURCES APPROPRIATION
FY 2005**

The amount proposed for this appropriation for FY 2005, **\$828,476,000**, is a decrease of **\$23,963,000** from the FY 2004 enacted level of **\$852,439,000**. Reclamation's FY 2005 budget request seeks to maximize the economic, community, and environmental benefits of Reclamation's projects and programs by ensuring the reliable and efficient delivery of water and power. Reclamation proposes funding new initiatives to address the challenges and opportunities being faced as public needs for water and power evolve and the population grows. Several of the most critical issues facing Reclamation are described in the following paragraphs, and are the reasons for a requested increase in FY 2005 funding over FY 2004.

Reclamation's central mission of managing water resources for multiple benefits and the generation of electricity will continue in FY 2005. Reclamation will maintain its emphasis on public and employee safety by devoting substantial resources to site security, dam safety, and seismic building safety; increase funding to continue construction of the Animas-La Plata Project; and improved maintenance of an aging infrastructure, to increase reliability and efficiency of water and hydropower.

The following is a comparison of the FY 2005 request with the FY 2004 enacted level by the five program activities:

Water and Related Resources
(\$ in thousands)

Program Activity	FY 2004 Enacted	FY 2005 Request
Water and Energy Management and Development	\$424,557	\$376,366
Land Management and Development	\$41,314	\$39,412
Fish and Wildlife Management and Development	\$106,653	\$82,662
Facility Operations	\$179,351	\$188,588
Facility Maintenance and Rehabilitation	\$166,701	\$178,049
Underfinancing	(\$61,078)	(\$36,601)
Rescission (H.R. 2673)	(\$5,059)	
TOTAL	\$ 852,439	\$828,476

Water 2025

Reclamation is proposing \$20 million for **Water 2025**, building off of the \$8.4 million appropriated for the Western Water Initiative by Congress in FY 2004. Water 2025 is a priority for Secretary Norton and will focus Reclamation's financial and technical resources on areas in the West where conflict over water either currently exists or is likely to occur in the coming years. Water 2025 will focus on local involvement, collaboration, improving technology, reducing institutional barrier and increasing interagency cooperation, with funding directed at on-the-ground projects selected through a 50-50 Challenge Grant Program.

New Programs/Projects/Investigations in FY 2005

Huntley Project, GP Region (formerly funded under multiple Bureauwide Programs)
Natural Resource Damage Assessment and Restoration Program, Bureauwide Program
Provo River Project, Deer Creek Dam, SOD, UC Region (formerly funded in Bureauwide Dam Safety Program)
Savage Rapids Dam Removal, PN Region
Sun River Project, GP Region (formerly funded under multiple Bureauwide Programs)
Weber Basin Project, Pineview Dam, SOD, UC Region (formerly funded in Bureauwide Dam Safety Program)

Construction Completed

Projects are scheduled to complete in FY 2005 as follows:

- Fort McDowell Settlement Act work essentially completes
- CVP, San Luis Unit; final payment of settlement costs for the Sumner-Peck ranch litigation
- Mid-Dakota Rural Water Project
- Ogden River Project, Pineview Dam (Safety of Dams)

Funding Partnerships

Reclamation continues its efforts to reach agreements with non-Federal and other Federal partners to share in the cost of water resource management and development. Cost-sharing of 50 percent for construction and rehabilitation of recreation facilities at various Reclamation reservoirs will continue. The Bonneville Power Administration will continue to provide up-front financing of power operation and maintenance and for major replacements and additions for the powerplants at the Boise, Columbia Basin, Hungry Horse, Minidoka, Rogue River, and Yakima projects (see table on the following page).

A long-term funding agreement with the customers for the Parker-Davis Project was executed in FY 1999. FY 2005 costs of operation, maintenance and replacement for this project will be 100 percent up-front funded by the customers. The customers are providing input into the planning and funding of the project through meetings with Reclamation. Reclamation is working to get up-front funding from other power customers to provide funds for specific facilities' operation and maintenance expenses.

Our current planning program seeks 50 percent cost-sharing on most studies. This reflects Reclamation's emphasis on partnerships for water management initiatives wherein solutions are focused on more efficient management of water resources rather than facility development.

The FY 2005 budget proposes \$30,000,000 to finance the costs of operation and maintenance of certain Bureau of Reclamation hydropower facilities directly from receipts collected by the Western Area Power Administration. Each year, Western Area Power Administration would transfer an agreed upon amount to the Bureau of Reclamation for deposit in its Water and Related Resources account. The transferred funds would be treated as an offsetting collection. A direct funding arrangement already is in place for the Bonneville Power Administration.

Bonneville Power Administration

(\$ in thousands)

Project	Power O&M FY 2004	Major Replacements & Additions FY 2004	Small Capital Replacements & Additions FY 2004	Power O&M FY 2005	Major Replacements & Additions FY 2005	Small Capital Replacements & Additions FY 2005
Boise Area	\$4,167	\$3,171	\$120	\$4,023	\$0	\$150
Columbia Basin	43,237	28,945	2,300	44,566	22,727	1,000
Hungry Horse	2,645	3,770	210	2,826	1,044	0
Minidoka Area	5,640	100	260	5,743	0	0
Rogue River	734	100	437	741	1,377	60
Yakima	3,164	20	0	2,466	520	0
TOTAL	\$59,587	\$36,106	\$3,327	\$60,365	\$25,668	\$1,210

Science and Technology Program

This program has been restructured to optimally support Reclamation's core end outcomes of water and power deliveries. Results-oriented applied science, engineering, and technology development are fundamental to forward-looking, innovative solutions that can address western water challenges for Reclamation stakeholders.

The line items under the Research Office have been restructured into a single line item request called the *Science and Technology (S&T)* Program for FY 2005. The S&T Program request focuses exclusively on the challenges and needs of Reclamation's managers and stakeholders and includes the following four mission-descriptive research sub-tasks:

- Improving water and hydropower infrastructure reliability and efficiency
- Improving water delivery reliability and efficiency
- Improving water operations decision support with advanced technologies and models
- Enhancing water supply technologies

The single line item allows budget formulation and management to be linked to the recently developed S&T Program Roadmap and the associated program goals and performance measures. The S&T Program Roadmap, goals and performance measures contributed to the very favorable rating during the Program Assessment Rating Tool (PART) review conducted by the Office of Management and Budget as part of the FY 2005 budget process. The program was ruled effective with an overall score of 87.

Desalination and Water Purification Research Program

This program implements the *Water Desalination Research and Development Act of 1996 (Desal Act)* - P.L. 104-298. Funding appropriated under the *Desal Act* is for the conduct of extramural research that

benefits the Nation and will focus on the priorities defined by the desalination research roadmap. The Desalination Roadmap was reviewed at the request of the Department of the Interior by the National Research Council. The results were made available on their website in January 2004. Their recommendations will be the basis for the development by Reclamation of a more detailed research and implementation plan for the nation. Research priorities to achieve more widespread acceptance and implementation will address:

- Decreasing desalination costs between 20-25 percent
- Reducing concentrate management problems
- Increasing energy efficiency

Funding will be integrated with the Desalination R&D associated with Water 2025. Funding proposed for the *Desal Act* was formerly requested under the umbrella of the S&T Program.

Invasive Species

Reclamation is actively involved in the prevention, early detection, management and restoration of project areas impacted by invasive species. The largest part of the annual budget expenditure is for control and management of invasive species that impede our ability to deliver water, and phreatophytes which consume large quantities of project water. Activities are primarily funded through project specific-requests based on annual needs and priorities as determined by Reclamation's five regional offices. The Office of Program and Policy Services supports the regions with technical assistance and preparation of integrated pest management plans. The Science & Technology Program supports Reclamation capabilities to manage and control invasive species through research and development activities that specifically target Reclamation needs. R&D activities are typically highly leveraged through collaboration with state, local, and other Federal agencies.

In addition, funding is included in the Science & Technology Program request to continue Reclamation's role in a coordinated Department of the Interior invasive species initiative. Reclamation will provide on-the-ground management leadership for other DOI bureaus and coordinate with other Federal and non-Federal partners in eradicating populations of tamarisk and other priority infestations. Working with these partners, Reclamation will lead the demonstration and deployment of the innovative approaches and the best science available for cost-effective, integrated invasive species management. The funding level for invasives is \$2.7 million, the same level as FY 2004.

Rural Water Projects

This request proposes funding rural water projects at \$67.5 million, a decrease of \$6.8 million from the FY 2004 enacted level. The funding emphasizes a commitment to completing ongoing municipal, rural, and industrial (MR&I) systems such as the Mid-Dakota Rural Water Project, the Mni Wiconi Project, and non-Indian and tribal MR&I systems on reservations as part of the Garrison Diversion Unit. This request also includes the President's commitment to fund Lewis and Clark and Perkins County projects at a combined total of \$18 million in FY 2005. In the long term, water needs of rural communities may benefit from Water 2025 by helping communities look at new technologies and new management strategies for their water resources.

Animas-La Plata Project

The FY 2005 request includes \$52 million for the project and will continue funding construction of the project's major features, Ridges Basin Dam and Durango Pumping Plant. While physical construction of these two features began in FY 2003, peak construction funding needs begin in fiscal year 2004 and extend several years. Funding will also be directed to other key features required for successful project development. Reclamation recently undertook a review and update of the construction cost estimate for the Animas-La Plata Project that identified a substantial increase of \$162 million, or 48%, in the estimated construction cost. The revised total estimated construction cost for the project is \$517.8 million, at the October 2004 price level.

Icicle Creek Restoration Project (Columbia Basin Project, Grand Coulee)

The Icicle Creek Restoration Project is associated with the Leavenworth National Fish Hatchery Complex, constructed by Reclamation in 1939-1941 as mitigation for construction of Grand Coulee Dam. The restoration project consists of two phases. Phase I, completed in 2003, included the removal of several abandoned structures including weirs and two small dams. Phase II will modify the headgate structure to include fish passage and modify an existing bridge structure to include fish passage, sorting facilities and related hatchery improvements. Phase II construction will be initiated in late FY 2005 at a cost of \$4 million.

Safety of Dams and Seismic Safety Programs

The safety and reliability of Reclamation dams is one of the Bureau's highest priorities. The Dam Safety Program is critical to effectively manage risks to the downstream public, property, project, and natural resources. The modifications completing in FY 2004 are Boise Project, Deadwood Dam; Colorado-Big Thompson Project, Horsetooth Reservoir Dams; Deschutes Project, Wickiup Dam; and Yakima Project, Keechelus Dam. The modifications that were substantially completed in FY 2003 were Okanogan Project, Salmon Lake Dam, and Bull Lake Dam, Riverton Unit, Wind Division, Pick-Sloan Missouri Basin Project.

The request of \$64.0 million for the Safety of Dams Evaluation and Modification Program provides for risk management activities throughout Reclamation's inventory of 369 dams and dikes which would likely cause loss of life if they were to fail, plus preconstruction and construction activities for up to 14 dams identified for funding through the Safety of Dams Program. This is a decrease of \$3.2 million from the FY 2004 enacted level due to changes in projected construction schedules. Also, \$1.70 million is included in the request for the Department of the Interior Dam Safety Program.

Approximately 50 percent of Reclamation's dams were built between 1900 and 1950, and approximately 90 percent of the dams were built before current state-of-the-art foundation treatment and filter techniques were incorporated in embankment dams to better control seepage. Continued safe performance becomes a greater concern with aging dams and requires a greater emphasis on the risk management activities provided by the program.

Funding of \$1.58 million has been requested for FY 2005 for the Federal Building Seismic Safety Program. This is adequate funding for continuation of rehabilitation of high-risk, seismically-deficient buildings.

Endangered Species Recovery Program

The FY 2005 request includes funding for endangered species programs and activities that involve more than one Reclamation project such as: continuing water conservation activities; providing and protecting in-stream flows; managing endangered species activities; habitat restoration; and research and construction. The table on the following page shows the funding for the specific program line item. Additional funding for work to benefit endangered species is found within other projects and programs within Water and Related Resources.

Endangered Species Recovery Program

(\$ in thousands)

	FY 2004 Request	FY 2004 w/ UF & ATB ^{1/}	FY 2005 Request
Pacific Northwest	699	628	468
Mid-Pacific Region	1,584	1,429	2,135
Lower Colorado	1,673	1,503	1,298
Upper Colorado	6,915	6,215	5,234
Great Plains (Platte River)	2,000	1,797	3,329
Total	12,871	11,572	12,464

^{1/} Reflects FY 2004 project funding after "Undistributed Reduction for Anticipated Delays" (Underfinancing) and Across-the-Board rescission of -0.59 % per H.R. 2673.

Facility Maintenance: Replacements, Additions and Extraordinary Maintenance Program

To address the needs of an aging infrastructure, Reclamation is proposing a budget request of \$61 million (various projects) for the appropriated Replacement, Additions, and Extraordinary Maintenance (RAX) Program. This is a \$5.9 million increase over the FY 2004 President's request of \$55.1 million. Reclamation believes the increase in this program is central to mission objectives of operating and maintaining projects to ensure the continued delivery of water and power benefits. This strong level of funding is consistent with the PART on hydropower.

Hydropower Direct Financing

Please refer to General Statement, Page 2.

Site Security

The Site Security budget request of \$43.2 million is a \$15.4 million increase over the FY 2004 enacted level. The FY 2005 budget proposal includes funding for guards and surveillance of facilities, hardening at key facilities, and program management.

Beginning with the FY 2005 Budget Request, annual costs associated with guards and surveillance activities will be treated as project costs subject to reimbursability based upon project cost allocations. Operation and maintenance costs related to security upgrades are already reimbursable.

Title XVI - Water Reclamation and Reuse

The Title XVI Program was authorized by P.L.102-575 in 1992. This program enables Reclamation to provide financial and technical assistance to local water agencies for the planning, design and construction of recycling projects, and to conduct research. In managing the overall Title XVI Program, Reclamation's main focus will continue to be on those ongoing authorized projects and studies that have been supported in the President's budget request in prior years. The FY 2005 request for the Commissioner's Office – Bureau-wide Title XVI Program includes \$1.53 million to fund cost-shared research by the private sector, municipalities, and other research entities to advance desalination and water reuse technologies. Efforts are coordinated with the Science and Technology Program's Desalination and Water Purification Research Program to ensure synergistic, supplemental efforts. The following table is a summary of the water reclamation and recycling projects in the FY 2005 request.

Title XVI – Water Reclamation and Reuse Program

(\$ in thousands)

Project/Study	FY 2004 Enacted	FY 2004 w/ UF & ATB ^{1/}	FY 2005 Request
Albuquerque Metro Area Water Reclamation & Reuse	1,360	1,222	0
Calleguas Municipal Water District Recycling Project	1,100	989	1,000
El Paso Water Reclamation & Reuse	370	333	0
Long Beach Area Water Reclamation Project	1,800	1,618	1,000
Long Beach Desalination Research & Development	700	629	0
Napa-Sonoma-Marin County Agricultural Water Reuse	500	449	0
North Las Vegas Water Reuse	1,000	899	0
North San Diego County Water Recycling Project	3,000	2,696	2,000
Orange County Regional Water Reclamation Project	3,500	3,146	2,000
Pasadena Water Reclamation Program	250	225	0
Phoenix Metropolitan Water Reclamation and Reuse	250	225	0
San Diego Area Water Reclamation Program	4,300	3,865	3,500
San Gabriel Basin Project	1,300	1,168	500
San Jose Area Water Reclamation & Reuse Program	3,000	2,696	0
Santa Fe Water Reclamation & Reuse	400	360	0
Southern Nevada Water Recycling	3,000	2,696	0
Watsonville Area Water Recycling	1,500	1,348	0
Willow Lake Natural Treatment	300	241	0
Commissioner's Office - Bureauwide Title XVI Program	3,980	3,577	1,530
TOTAL	31,610	28,382	11,530

^{1/} Reflects FY 2004 project funding after "Undistributed Reduction for Anticipated Delays" (Underfinancing) and Across-the-Board rescission of -0.59 % per H.R. 2673.

Study/Project Authorizations

The Columbia/Snake Federal Columbia River Power System Endangered Species Act Implementation Program will require authorization for off-site habitat improvement implementation for which legislation was submitted in October 2002. The Science and Technology Program will need authorization to accomplish research under grants and cooperative agreements.

Consolidated Appraisal Function

Department-wide, appraisal functions are being consolidated in the Department's National Business Center. For FY 2005, Reclamation is requesting \$1,182,000 to cover the salaries and benefits, contracts, and other support costs associated with appraisal activities. The request is identical to the amount requested for the appraisal function in FY 2004. Additional information may be found in the Appendix, pages 5-6, under Consolidated Appraisal Function.

Appropriation Ceilings

The following projects would require legislation to increase appropriation ceilings before they could be completed as authorized: Auburn-Folsom South Unit, Central Valley Project (CVP); San Felipe Division (CVP); and the West San Joaquin Division, San Luis Unit, CVP. Current commitments will be held within the existing ceilings.

Current policies require that individual ceiling components and project units be indexed, reviewed, and reported to Congress as necessary. Appropriation ceilings without specific breakdowns to project units have been divided into major project units and reported accordingly. One project is being reported as exceeding the ceiling calculation when partitioned by project unit: the Central Arizona Project. However, current estimated commitments are within the existing ceiling.

Current projections indicate sufficient ceiling is in place to support planned FY 2004 and FY 2005 corrective actions. Reclamation is currently pursuing activities to assure that sufficient appropriations ceiling is available for corrective actions anticipated to be necessary in FY 2006 and beyond. Additional ceiling will be necessary to support future year budget requests. If this is not provided, the out-year commitments created by planned safety of Dams modifications awarded in FY 2005 will be managed to remain within the existing ceiling.

Summary of Request by Project
(\$ in thousands)

Water & Related Resources	Regions	States	FY 2004		FY 2005	
			Enacted	Enacted w/ UF and ATB 1/	Request	Other Fed/ Non-Fed
Ak-Chin Water Rights Settlement Act	LC	AZ	5,743	5,592	6,893	
Albuquerque Metro Area Water & Reclamation Reuse	UC	AZ	1,360	1,222	0	
Animas-La Plata Project, CRSP Sections 5 & 8	UC	CO	52,000	46,736	52,000	2,825
Arbuckle Project	GP	OK	205	200	181	
Boise Area Projects	PN	ID	6,954	6,554	5,527	6,059
Cachuma Project	MP	CA	1,416	1,322	1,761	
California Investigations Program	MP	CA	215	193	300	300
Calleguas Municipal Water District Recycling Project	LC	CA	1,100	989	1,000	8,670
Canadian River Project	GP	TX	117	114	180	28
Carlsbad Project	UC	NM	3,092	2,858	1,901	501
Central Arizona Project, Colorado River Basin	LC	AZ	34,087	30,642	34,087	2,520
Central Valley Project						
American River Division	MP	CA	8,999	8,617	9,366	2,968
Auburn-Folsom South Unit	MP	CA	9,999	8,995	6,522	
Delta Division	MP	CA	18,580	17,151	13,634	
East Side Division	MP	CA	3,915	3,702	4,003	1,528
Friant Division	MP	CA	7,675	7,181	5,925	
Miscellaneous Project Programs	MP	CA	22,271	20,098	14,534	
Replacements, Additions, & Extraordinary Maint. (RAX)	MP	CA	14,000	13,630	23,200	
Sacramento River Division	MP	CA	9,473	8,650	5,026	
San Felipe Division	MP	CA	745	670	969	
San Joaquin Division	MP	CA	383	344	295	
Shasta Division	MP	CA	8,715	8,366	8,281	6,012
Trinity River Division	MP	CA	10,586	9,737	9,741	2,489
Water and Power Operations	MP	CA	12,876	12,401	11,624	1,482
West San Joaquin Division, San Luis Unit	MP	CA	13,975	13,050	49,250	
Yield Feasibility Investigation	MP	CA	1,000	899	500	
Collbran Project	UC	CO	1,697	1,638	1,343	
Colorado-Big Thompson Project	GP	CO	10,210	9,939	10,961	5,646
Colorado-Big Thompson Project - Horsetooth Dam	GP	CO	3,153	3,070	0	
Colorado Investigations Program	GP, UC	CO	77	70	65	30
Colorado River Basin Salinity Control Project, Title I	LC	AZ	11,250	10,897	10,769	100
Colorado River Basin Salinity Control Project, Title II			9,198	8,267	9,064	13,528
Grand Valley Unit, CRBSCP, Title II	UC	CO	752	717	716	239
Paradox Valley Unit, CRBSCP, Title II	UC	CO	2,102	2,043	2,121	707
Colorado River Front Work and Levee System	LC	AZ	4,500	4,044	3,647	
Colorado River Storage Project, (CRSP), Section 5	UC	Various	10,083	9,245	11,847	3,850
Colorado River Storage Project, Section 8	UC	Various	3,931	3,531	1,995	335
Colorado River Water Quality Improvement Program	UC, LC	Various	450	405	450	
Columbia and Snake River Salmon Recovery Project	PN	ID	15,000	13,481	17,500	
Columbia Basin Project (includes Icicle Creek)	PN	WA	8,982	8,406	15,268	72,896
Crooked River Project	PN	OR	677	642	761	158
Dakotas Investigations Program	GP	ND	223	201	230	200
Dakotas Tribes Investigations Program	GP	ND	326	293	191	
Dam Safety Program						
Department Dam Safety Program	Bureawide	Various	1,700	1,655	1,700	
Initiate SOD Corrective Action	Bureawide	Various	38,900	37,873	38,253	
Safety Evaluation of Existing Dams	Bureawide	Various	18,000	17,524	18,000	
Safety of Dams Corrective Action Studies	Bureawide	Various	500	487	500	
Deer Creek View Dam, Provo River Project	UC	UT	0	0	4,150	1,900
Departmental Irrigation Drainage Program	Bureawide	Various	3,623	3,257	0	
Deschutes Ecosystem Restoration Project	PN	OR	900	809	0	
Deschutes Project	PN	OR	573	526	591	196
Deschutes Project, Tumalo, Bend Feed Canal	PN	OR	350	314	0	
Deschutes Project, Wickiup Dam	PN	OR	3,000	2,921	0	
Drain Water Management Study, Boise Project	PN	ID	200	180	200	200
Drought Emergency Assistance	Bureawide	Various	4,000	3,595	500	
Eastern New Mexico Water Supply	UC	NM	175	157	0	
Eastern Oregon Projects	PN	OR	1,061	975	1,172	171
Efficiency Incentives Program	Bureawide	Various	3,515	3,159	1,798	1,540
El Paso Water Reclamation and Reuse	UC	TX	370	333	0	

Summary of Request by Project
(\$ in thousands)

Water & Related Resources	Regions	States	FY 2004		FY 2005	
			Enacted	Enacted w/ UF and ATB 1/	Request	Other Fed/ Non-Fed
Emergency Planning & Disaster Response Program	Bureawide	Various	450	438	451	
Endangered Species Recovery Implementation	Bureawide	Various	12,871	11,572	12,464	8,100
Environmental Program Administration	Bureawide	Various	1,483	1,333	883	
Environmental & Interagency Coordination Activities	Bureawide	Various	1,804	1,621	1,557	
Examination of Existing Structures	Bureawide	Various	5,521	5,375	5,920	133
Federal Building Seismic Safety Program	Bureawide	Various	1,575	1,534	1,575	
Fort McDowell Settlement Act	LC	AZ	1,000	899	712	
Fort Peck Dry Prairies Rural Water System	GP	MT	7,500	6,741	0	
Fruitgrowers Dam Project	UC	CO	214	203	217	
Fryingpan-Arkansas Project	GP	CO	5,643	5,477	5,307	1,600
General Planning Studies	Bureawide	Various	2,089	1,878	1,931	
Grande Ronde Water Optimization Study	PN	OR	100	89	0	
Halfway Wash Project Study	LC	NV	500	449	150	150
Hawaii Water Resources	LC	HI	100	89	0	
Hungry Horse Project	PN	MT	1,056	1,029	521	3,870
Huntley Project	UC	MT	0	0	148	28
Hyrum Project	UC	UT	190	176	178	
Idaho Investigations Program	PN	ID	580	521	550	686
Kansas Investigations Program	GP	KS	143	128	50	50
Kendrick Project	GP	WY	4,054	3,946	3,793	35
Klamath Project	MP	OR	25,417	23,096	25,000	135
Lahontan Basin Project (incl. Newlands Water Rights Fund)	MP	NV	8,913	8,194	8,319	
Lake Mead /Las Vegas Wash Program	LC	NV	1,408	1,265	1,450	1,450
Lake Tahoe Regional Wetlands Development	MP	CA	4,500	4,044	0	
Land Resources Management Program	Bureawide	Various	8,994	8,084	8,631	
Leadville/Arkansas River Recovery	GP	CO	2,431	2,322	2,771	
Lewis and Clark Rural Water System	GP	Various	17,000	15,279	17,500	9,940
Long Beach Area Water Reclamation Project	LC	CA	1,800	1,617	1,000	625
Long Beach Desalination Project	LC	CA	700	629	0	
Lower Colorado River Investigations Program	LC	CO	525	472	564	564
Lower Colorado River Operations Program	LC	Various	13,822	12,422	15,322	7,428
Lower Rio Grande Valley Water Resources	GP	TX	4,500	4,044	50	50
Lower Elwha Klallam Water Supply Feasibility Study	PN	WA	100	89	0	0
Makah Indian Community Water Supply Feasibility	PN	WA	100	89	0	0
Mancos Project	UC	CO	145	135	232	
McGee Creek Project	GP	OK	460	448	489	17
Mid-Dakota Rural Water Project	GP	SD	15,015	13,497	17,015	
Middle Rio Grande Project	UC	NM	34,488	32,338	18,000	1,221
Milk River Project	GP	MT	1,603	1,482	1,347	683
Minidoka Area Projects	PN	ID	5,500	5,095	5,477	7,652
Minidoka Northside Drain Water Management Project	PN	ID	200	180	200	200
Mirage Flats Project	GP	NE	58	57	103	12
Miscellaneous Flood Control Operations	Bureawide	Various	639	621	626	
Mni Wiconi Project	GP	SD	31,471	28,753	24,500	69
Montana Investigations	PN, GP	MT	533	479	519	489
Moon Lake Project	UC	UT	60	56	48	
Mountain Park Project	GP	OK	267	260	344	36
NAPA - Sonoma - Marin Agriculture Reuse Project	MP	CA	500	449	0	
Native American Affairs Program	Bureawide	Various	8,600	7,729	7,720	
Natural Resources Damage Assessment	Bureawide	Various	0	0	300	
Navajo-Gallup Water Supply Project	UC	NM, TX	500	449	200	150
Navajo Nation Investigations Program	UC	NM	300	269	300	150
Nebraska Investigations Program	GP	NE	191	172	85	85
Negotiation & Administration of Water Marketing	Bureawide	Various	1,571	1,413	1,699	17
Newton Project	UC	UT	85	79	81	
Norman Project	GP	OK	426	397	316	84
North Central Montana Rural Water Supply System	GP	MT	915	822	0	
North Las Vegas Water Reuse	LC	NV	1,000	899	0	
North Platte Project	GP	WY	1,048	1,020	1,711	332
North San Diego County Area Water Recycling Project	LC	CA	3,000	2,696	2,000	7,726
Northern Arizona Investigations Program	LC	AZ	325	292	460	345

Summary of Request by Project

(\$ in thousands)

Water & Related Resources	Regions	States	FY 2004		FY 2005	
			Enacted	Enacted w/ UF and ATB 1/	Request	Other Fed/ Non-Fed
Northern Utah Investigations Program	UC	UT	280	252	220	220
Nueces River	GP	TX	536	522	640	43
Ogden River Project	UC	UT	413	374	341	
Oklahoma Investigations Program	GP	OK	1,038	933	190	190
Operation & Maintenance Program Management	Bureawide	Various	1,373	1,311	1,187	
Orange County Regional Water Reclamation Project, Phase I	LC	CA	3,500	3,145	2,000	111,842
Oregon Investigations Program	PN	OR	620	558	655	470
Orland Project	MP	CA	486	470	587	
Park City Feasibility Study	UC	UT	500	449	0	
Parker Davis Project	LC	CA	0	0	0	8,262
Pasadena Reclaimed Water Project	LC	CA	250	225	0	
Pecos River Basin Water Salvage Project	UC	NM	327	318	31	150
Perkins County Rural Water Salvage Project	GP	SD	1,000	899	500	1,315
Phoenix Metropolitan Water Reclamation & Reuse Project	LC	AZ	250	225	0	0
Pick-Sloan Missouri Basin Program, Garrison Diversion	GP	ND	27,386	24,870	22,073	3,559
Pick-Sloan Missouri Basin - Other Projects	GP	Various	37,707	36,485	39,608	2,512
Pine River Project	UC	CO	254	237	142	
Power Program Services	Bureawide	Various	1,391	1,269	1,028	
Provo River Project	UC	UT	1,198	1,103	1,197	870
Public Access and Safety Program	Bureawide	Various	565	508	603	
Rapid Valley Project, Deerfield Dam	GP	SD	28	28	16	21
Reclamation Law Administration	Bureawide	Various	4,491	4,037	4,144	8
Reclamation Recreation Management	Bureawide	Various	2,800	2,517	300	260
Recreation and Fish & Wildlife Program Administration	Bureawide	Various	1,720	1,546	1,743	283
Rio Grande Project	UC	NM	3,982	3,817	4,223	548
Rogue River Basin Project, Talent Division	PN	OR	726	665	1,001	2,541
Salt River Project	LC	AZ	87	79	498	255
Salton Sea Research Project	LC	CA	4,000	3,595	1,000	
San Angelo Project	GP	TX	276	269	396	13
San Diego Area Water Reclamation Program	LC	CA	4,300	3,865	3,500	39,223
San Gabriel Basin Project	LC	CA	1,300	1,168	500	14,871
San Gabriel Basin Restoration Project	LC	CA	10,000	9,941	0	
San Jose Water Reclamation and Reuse Program	MP	CA	3,000	2,696	0	
San Juan River Basin Investigations Program	UC	NM	179	161	188	188
San Luis Valley Project	UC	CO	4,593	4,443	5,050	
Santa Fe- Water Reclamation and Reuse Project	UC	NM	400	360	0	
Santa Margarita River Conjunctive Use Project	LC	CA	500	449	0	
Santee Sioux Reservation Water System	GP	NE	300	269	0	
Savage Rapids Dam Removal	PN	OR	0	0	2,000	
Science and Technology Program						
Improving Water & Power Infrastructure Reliability	Bureawide	Various	0	0	2,000	
Improving Water Delivery Reliability	Bureawide	Various	0	0	4,184	
Improving Water Supply Technologies	Bureawide	Various	0	0	1,800	
Improving Water Operations Decision Support Tools	Bureawide	Various	0	0	1,450	
Advanced Water Treatment Desalination Program	Bureawide	Various	2,000	1,797	0	
Applied Science/Technology and Development	Bureawide	Various	4,190	3,766	0	
Hydroelectric Infrastructure Protection/Enhancement	Bureawide	Various	990	890	0	
Technology Advancement	Bureawide	Various	350	315	0	
Watershed/River Systems Management Program	Bureawide	Various	1,000	899	0	
Desalination Research and Development Program	Bureawide	Various	7,375	6,629	100	25
Scofield Project	UC	UT	187	173	131	
Shoshone Project	GP	WY	1,203	1,170	1,374	33
Site Security / Counter-Terrorism	Bureawide	Various	28,583	27,829	43,216	
Soil and Moisture Conservation	Bureawide	Various	267	240	290	
Solano Project	MP	CA	4,215	3,989	4,253	
Southern Arizona Water Rights Settlement Act Project	LC	AZ	4,017	3,611	5,078	1,571
Southern California Investigations Program	LC	CA	1,835	1,649	740	740
Southern Nevada Water Recycling Project	LC	NV	3,000	2,696	0	
Southern New Mexico/West Texas Investigations Program	UC	NM	0	0	238	238
Southern Utah Investigations Program	UC	UT	300	269	133	133
South/Central Arizona Investigations Program	LC	AZ	775	697	870	870

Summary of Request by Project

(\$ in thousands)

Water & Related Resources	Regions	States	FY 2004		FY 2005	
			Enacted	Enacted w/ UF and ATB 1/	Request	Other Fed/ Non-Fed
Storage Dam Fish Passage Feasibility Study	PN	WA	250	225	700	100
Strawberry Valley Project	UC	UT	205	185	201	
Sun River Project	GP	TX	0	0	204	
Technical Assistance to States	Bureawide	Various	1,908	1,715	2,071	
Texas Investigations Program	GP	TX	202	182	208	208
Title XVI, Water Reclamation and Reuse Program	Bureawide	Various	3,980	3,577	1,530	
Tres Rios Wetlands Demonstration	LC	AZ	630	567	400	200
Tualatin Project	PN	OR	414	382	340	204
Tulalip Tribes Water Quality Feasibility Study	PN	WA	100	89	0	15
Tucumcari Project	UC	NM	108	97	13	
Umatilla Basin Project, Phase III Study	PN	OR	200	180	200	250
Umatilla Project	PN	OR	2,702	2,586	3,075	235
Uncompahgre Project	UC	CO	305	283	355	
United States/Mexico Border Issues - Technical Support	Bureawide	Various	0	0	78	
Ventura River Project	MP	CA	529	475	524	
W.C. Austin Project	GP	OK	314	306	537	10
Washington Investigations Program	PN	WA	525	472	470	388
Washita Basin Project	GP	OK	887	863	1,066	131
Water 2025	Bureawide	Various	8,400	7,550	20,000	
Water Management & Conservation Program	Bureawide	Various	6,639	5,967	5,580	273
Watsonville Area Water Recycling Project	MP	CA	1,500	1,348	0	
Weber Basin Project	UC	UT	2,081	1,903	2,187	1,250
Weber Basin Project, Pineview Project	UC	UT	0	0	1,375	
Weber River Project	UC	UT	150	140	178	
Westlands - Ramos	PN	OR	200	180	0	
Wetlands Development	Bureawide	Various	1,000	899	0	
Wichita Project	GP	KS	215	209	578	124
Willow Lake Natural Treatment System	PN	OR	300	269	0	
Wyoming Investigations Program	PN	WY	0	0	40	40
Yakima Project	PN	WA	7,245	6,965	9,055	4,887
Yakima Project, Keechelus Dam, SOD	PN	WA	3,700	3,603	0	
Yakima River Basin Water Enhancement Project	PN	WA	12,730	11,441	9,190	2,831
Yakima River Basin Storage	PN	WA	1,500	1,348	0	
Yuma Area Projects	LC	AZ	22,672	21,958	22,226	50
Subtotal: W&RR Total Scheduled Program			918,576	852,439	865,077	393,640
Underfinancing			(61,078)	see above	(36,601)	
Rescission (H.R. 2673)			(5,059)	see above		
TOTAL - WATER AND RELATED RESOURCES			852,439	852,439	828,476	393,640

1/ Reflects FY 2004 project funding after "Undistributed Reduction for Anticipated Delays" (Underfinancing) and Across-the-Board rescission of -.59% per H.R. 2673.